



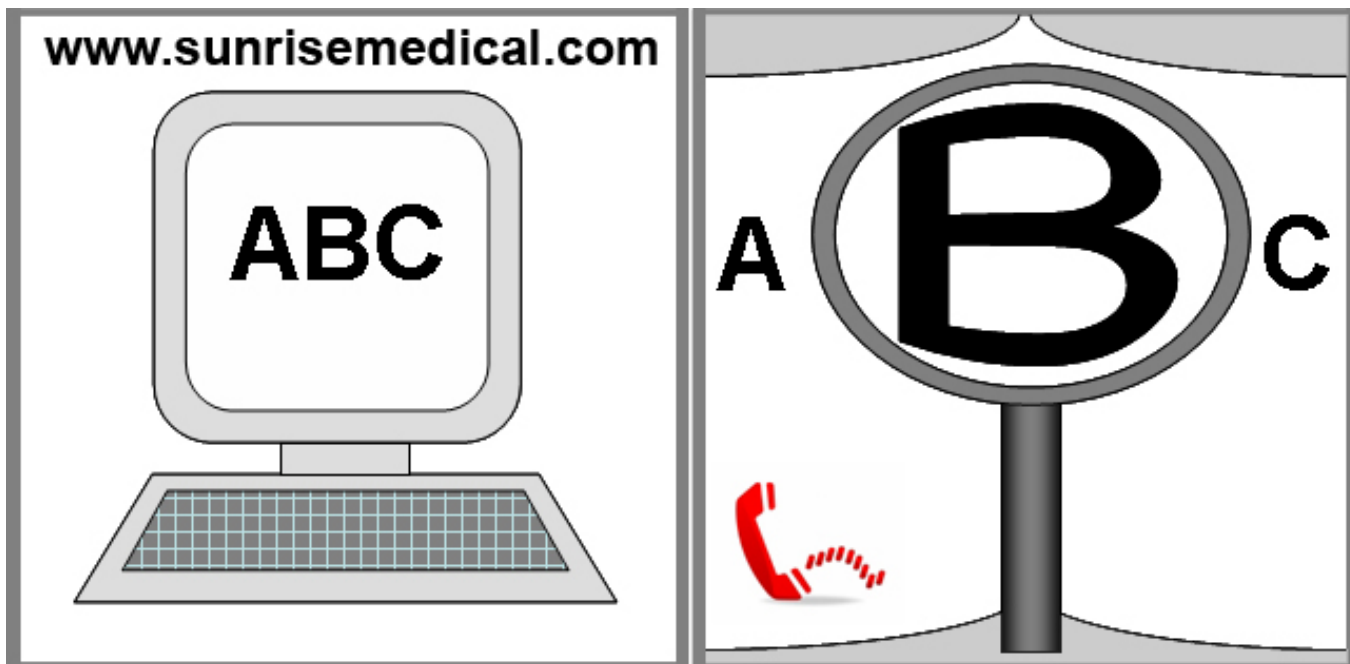
USER MANUAL

Breezy 300

 **Breezy®**

P19132





## Wheelchair Components

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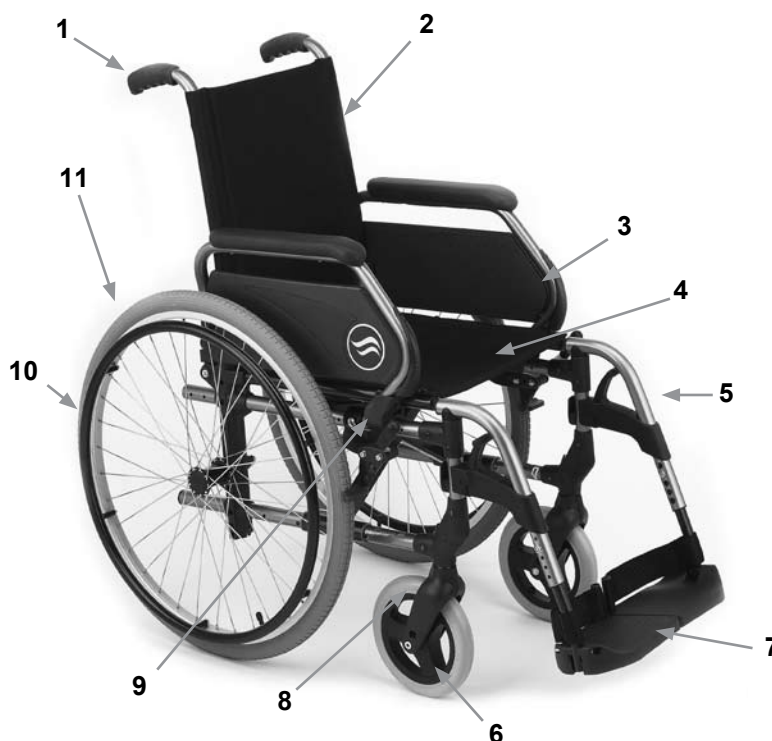


We at SUNRISE MEDICAL have been awarded the ISO-9001 certificate, which affirms the quality of our products at every stage, from R & D to production. This products meet the requirements in accordance with EC guidelines. Options or accessories shown are available at extra cost.



### Wheelchairs:

1. Push handles
2. Backrest upholstery
3. Sideguard
4. Seat sling
5. Footrest
6. Castors
7. Footboard
8. Fork
9. Wheel locks
10. Handrim
11. Rear wheel



## Foreword

Dear Customer,

We are very happy that you have decided in favour of a high-quality SUNRISE MEDICAL product.

This user's manual will provide numerous tips and ideas so that your new wheelchair can become a trustworthy and reliable partner in your life.

We want you to be satisfied with our products and service. Sunrise Medical has been consistently working at continuously developing its products, for this reason, changes can occur in our palette of products with regard to form, technology and equipment. Consequently, no claims can be construed from the data or pictures contained in this user's manual.



As the manufacturer, **SUNRISE MEDICAL**, declares that the wheelchairs conform to the 93/42/EWG, ammended by 2007/47/EWG guideline.

Please contact your local, authorised SUNRISE MEDICAL dealer if you have any questions regarding the use, maintenance or safety of your wheelchair.

In case there is no authorised dealer in your area or you have any questions, contact Sunrise Medical either in writing or by telephone (contact addresses can be found on the back page).

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www.sunrisemedical.com

Please keep a note of your local service agent's address and telephone number in the space below.  
In the event of a breakdown, contact them and try to give all relevant details so they can help you quickly.

## Symbol legend



### IMPORTANT:

DO NOT USE YOUR WHEELCHAIR UNTIL THIS MANUAL HAS BEEN READ AND UNDERSTOOD.



### DANGER!

Warning messages regarding possible risks of serious accident or death.



### WARNING!

Warning messages regarding possible risks of injury.



### CAUTION!

Warning messages regarding possible technical damage.

### NOTE:

Information for operating the product.

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## Use

Aluminium wheelchairs are exclusively for a user who is unable to walk, has limited limited mobility, for their own personal use in- and outdoor on dry, firm and level surface terrains (self propelling or attendant push).

The maximum weight limit (includes both the user and any weight of accessories fitted to the wheelchair) is marked on the serial number label, which is affixed to the crossbar or stabiliser bar below the seat.

Warranty can only be taken on if the product is used under the specified conditions and for the intended purposes.

The intended lifetime of the wheelchair is 5 years. DO NOT use or fit any 3rd party components to the wheelchair unless they are officially approved by Sunrise Medical.

## Area of application

The variety of fitting variants as well as the modular design mean that it can be used by those who cannot walk or have limited mobility because of:

- Paralysis
- Loss of extremity (leg amputation)
- Extremity defect deformity
- Joint contractures/joint injuries
- Illnesses such as heart and circulation deficiencies, disturbance of equilibrium or cachexia as well as for elderly people who still have strength in the upper body.

When considering provision, please also note the body size, weight, physical and psychological constitution, the age of the person, living conditions and environment.

## General safety notes and driving restrictions

The engineering and construction of this wheelchair has been designed to provide maximum safety. International safety standards currently in force have either been fulfilled or exceeded in parts. Nevertheless, users may put themselves at risk by improperly using their wheelchairs. For your own safety, the following rules must be strictly observed.

Unprofessional or erroneous changes or adjustments increase the risk of accident. As a wheelchair user, you are also part of the daily traffic on streets and pavements, just like anyone else. We would like to remind you that you are therefore also subject to any and all traffic laws.

Be careful during your first ride in this wheelchair. Get to know your wheelchair.

Before each use, the following should be checked:

- Fixed axles or Quick-release axles on the rear wheels.
- Velcro on seats and backrests
- Tyres, tyre pressure and wheel locks.

Before changing any of the adjustments of this wheelchair, it is important to read the corresponding section of the user's manual.

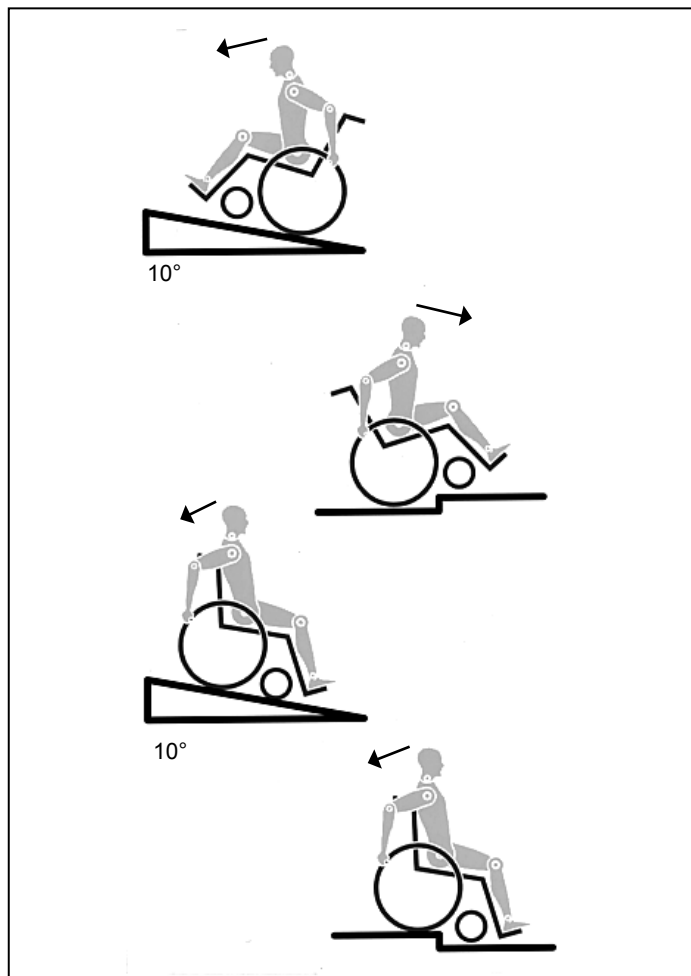
It is possible that potholes or uneven ground could cause this wheelchair to tip over, especially when riding uphill or downhill.

When riding forwards over a step or up an incline, the body should be leaning forward.



### **DANGER!**

- NEVER exceed the maximum load of 120 kg for user plus any items carried on the wheelchair. If you exceed the maximum load, this can lead to damage to the chair, or you may fall or tip over, lose control and may lead to serious injury of the user and other people.
- When it is dark, please wear light clothing or clothing with reflectors, so that you can be seen more easily. Make sure that the reflectors on the side and back of the wheelchair are clearly visible.
- We would also recommend that you fit an active light.



### **DANGER!**

- To avoid falls and dangerous situations, you should first practice using your new wheelchair on level ground with good visibility.
- When getting on or off the wheelchair, do not use the footboards.
- These should be flipped up beforehand and swung to the outside as far as possible. Always position yourself as close as possible to the place where you wish to transfer to.
- Only use your wheelchair with care. For example, avoid travelling against an obstacle without braking (step, kerb edge) or dropping down gaps.
- The wheel locks are not intended to stop your wheelchair in motion. They are only there to ensure that your wheelchair does not begin rolling unintentionally. When you stop on uneven ground, you should always use the wheel locks to prevent unintended movement. Always apply both wheel locks; otherwise, your wheelchair could tip over.
- Explore the effects of changing the centre of gravity on the behaviour of the wheelchair in use, for example on inclines, slopes, all gradients or when overcoming obstacles. Do this with the secure aid of a helper.
- With extreme settings (e.g. rear wheels in the most forward position) and less than perfect posture, the wheelchair may tip over even on a level surface.
- Lean your upper body further forward when going up slopes and steps.
- Lean your upper body further back when going down slopes and steps. Never try to climb and descend a slope diagonally.
- Avoid using an escalator which may lead to serious injury in the event of a fall.
- Do not use the wheelchair on slopes more than 10°. The Dynamic safe slope is dependant on the chair configuration, the users abilities and the style of riding. As the users abilities and style of riding cannot be predetermined then the max safe slope cannot be determined. Therefore this must be determined by the user with the assistance of an attendant to prevent tipping. It is strongly recommended that inexperienced users have Anti-tips fitted.
- It is possible that potholes or uneven ground could cause this wheelchair to tip over, especially when riding uphill or downhill.
- Do not use your wheelchair on muddy or icy ground.
- Do not use your wheelchair where pedestrians are not allowed.
- To avoid hand injuries do not grab in between the spokes or between the rear wheel and wheel lock when driving the wheelchair.
- In particular when using lightweight metal handrims, fingers will easily become hot when braking from a high speed or on long inclines.
- Only attempt stairs with the help of an attendant. There is equipment available to help you, e.g. climbing ramps or lifts, please use them. If there is no such equipment available, then the wheelchair must be tipped and pushed, never carried, over the steps (2 helpers). We recommend that users over 100 kg in weight are not transferred in this way. In general, any anti-tip tubes fitted must be set beforehand, so that they cannot touch the steps, as otherwise this could lead to a serious tumble. Afterwards the anti-tip tubes must be set back to their correct position.
- Make sure that the attendant only holds the wheelchair using securely mounted parts. Do not use removable parts (e.g. not on the footrests or the side guards).



## DANGER!

- When using the lifting ramp make sure that the anti-tip tubes fitted are positioned outside the danger area.
- Secure your wheelchair on uneven ground or when transferring, e.g. into a car, by using the brakes.
- If and whenever possible, during a journey in a specially fitted vehicle for disabled people, vehicle occupants should use the seats in the vehicle and the appropriate restraint system. This is the only way to ensure that occupants will have the maximum protection if there is an accident.
- Depending on the diameter and setting of the castors, as well as the centre of gravity setting of the wheelchair, the castors may begin to wobble at high speeds. This can lead to castor seizure and the wheelchair may tip over. Therefore, please make sure that the castors are adjusted correctly (see the Chapter "Castors").
- In particular, do not travel on an incline without brakes, travel at a reduced speed. We recommend that novice users use anti-tip tubes.
- Anti-tip tubes should prevent the chair tipping over backwards unintentionally. Under no circumstances should they take the place of transit wheels, and be used to transport a person in a wheelchair with the rear wheels removed.
- When reaching for objects (which are in front of, to the side or behind the wheelchair) make sure that you do not lean too far out of the wheelchair, as if you change the centre of gravity there is a risk of tipping or rolling over. The hanging of additional load (back pack or similar items) onto your chair back posts can affect the rearward stability of your chair, especially when used in combination with recliner backrests. This can cause the chair to tip backwards causing injury.
- For thigh amputees you must use anti-tip tubes.
- Before setting off, check that your tyre pressure is correct. For rear wheels it should be at least 4.5 bar (450 kPa). The max. pressure is indicated on the tyre. The knee-lever brakes will only work if there is sufficient tyre pressure and if the correct setting has been made (see the Chapter on "Brakes").
- If the seat and back sling are damaged, you must replace them immediately.
- Be careful with fire, in particular with burning cigarettes. Seat and back slings can be set alight.
- If the wheelchair is subject to direct sunlight / cold temperature for a long period of time, then parts of the wheelchair (e.g. frame, legrests, brakes and side guard) may become hot (>41°C) / very cold (<0°).
- Always make sure that, if fitted, the quick-release axles on the rear wheels are set properly and lock in (locking ball bearings are showing completely through the axle sleeve). If the button on the quick-release axle is not pressed in, the rear wheel cannot be removed.

## CAUTION !

- The effect of the knee-lever brake as well as the general driving characteristics are dependant on tyre pressure. The wheelchair is significantly lighter and easier to manoeuvre when the rear wheels are pumped up correctly and both wheels have the same pressure.
- Make sure that your tyres have sufficient tread!
- Please note that you are subject to any and all traffic laws when driving in public traffic.
- Always be careful when handling or adjusting the wheelchair!
- Adjustments which require tools should always be done by authorized dealers.
- Clean the wheelchair regularly to avoid rust and salt corrosion.
- Check the rivets, nuts and bolts to make sure they are tight and that no wheelchair parts will come loose.

## CAUTION !

- With all moving parts there is a natural risk of finger traps. Please handle with care.
- The products shown and described in this manual may not be exactly the same in every detail as your own model. However, all instructions are still entirely relevant, irrespective of detail differences.
- The manufacturer reserves the right to alter without notice any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

### Lifetime

The expected lifetime of this product is 5 years provided that: it is used in strict accordance with the intended use all service and maintenance requirements are met.

### Warranty

#### Guarantee

THIS IN NO WAY AFFECTS YOUR STATUTORY RIGHTS.

#### Warranty conditions

1) The repair or replacement must be carried out by an authorised Sunrise Medical dealer/service agent.

2) To apply the warranty conditions, should your product require attention under these arrangements, notify the designated Sunrise Medical service agent immediately giving full information about the nature of the difficulty. Should you be operating the product away from the locality of the designated Sunrise Medical service agent work under the "Warranty Conditions" will be carried out by any other service agent designated by the manufacturer.

3) Should any part of the wheelchair require repair or replacement, as a result of a specific manufacturing or material defect, within 24 months, (5 years for frame and cross bar), from the date on which the possession of the product was transferred to the original purchaser, and subject to it remaining within that ownership, the part or parts will be repaired or replaced completely free of charge if returned to the authorised service agent.

Note: This guarantee is not transferable.

4) Any repaired or replaced part will benefit from these arrangements for the balance of the warranty period applicable to the wheelchair.

5) Parts replaced after the original warranty has expired are covered for a further 12 months.

6) Items of a consumable nature will not generally be covered during the normal warranty period, unless such items have clearly suffered undue wear as a direct result of an original manufacturing defect. These items include amongst others upholstery, tyres, inner tubes, and similar parts.

7) The above warranty conditions apply to all product parts for models purchased at full retail price.

8) Under normal circumstances, no responsibility will be accepted where the product has required repair or replacement as a direct result of:

- a) The product or part not having been maintained or serviced in accordance with the manufacturer's recommendations, as stated in the Owner's Manual and / or Service Manual. Failing to use only the specified original equipment parts.
- b) The product or part having been damaged by neglect, accident or improper use.
- c) The product or part having been altered from the manufacturer's specifications, or repairs having been attempted prior to the service agent being notified.
- d) If the product has corrosion due to incorrect maintenance

## Transportability

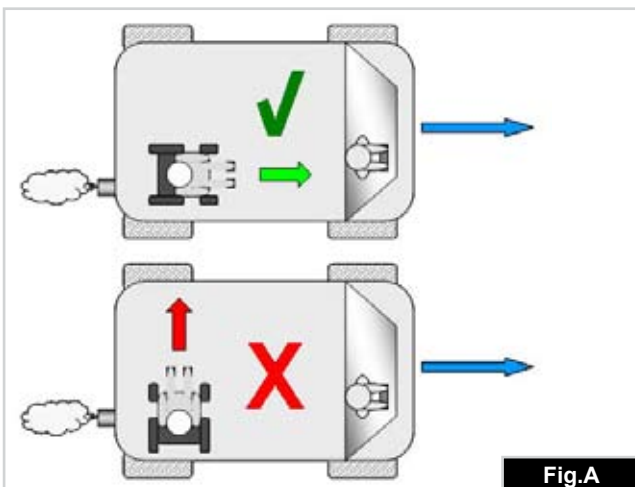
### DANGER!

There is a risk of serious injury or death if this advice is ignored!

Transportation of your wheelchair within a vehicle:

A wheelchair secured in a vehicle will not provide the equivalent level of safety and security as a vehicle seating system. It is always recommended that the user transfers to the vehicle seating. It is recognised that this is not always practical for the user to be transferred and in these circumstances, where the user must be transported whilst in the wheelchair, the following advice must be followed:

1. Confirm that the vehicle is suitably equipped to transport a passenger in a wheelchair, and ensure the method of access/ egress is suitable for your wheelchair type. The vehicle should have the floor strength to take the combined weight of the user, the wheelchair and accessories.
2. Sufficient space should be available around the wheelchair to enable clear access to attach, tighten and release the wheelchair and occupant tie down restraints and safety belts.
3. The occupied wheelchair must be located in a forward facing position and secured by the wheelchair tie down and occupant restraint straps (WTORS tie downs meeting the requirements of ISO 10542 or SAE J2249) in accordance with the WTORS manufacturer's instructions.
4. The wheelchair's use in other positions within a vehicle has not been tested e.g. transportation in a side facing position must not be carried out under any circumstances (Fig. A).
5. The wheelchair should be secured by a Tie Down Restraint system, conforming to ISO 10542 or SAE J2249 with non-adjustable front straps and adjustable rear straps, which typically use Karabiner clips/S hooks and tongue and buckle fittings. These restraints generally comprise of 4 individual straps that are attached to each corner of the wheelchair.
6. The tie-down restraints should be fitted to the main frame of the wheelchair as indicated in the diagram on the following page, and not to any attachments or accessories, e.g. not around the spokes of wheels, brakes or footrests.
7. The tie-down restraints should be attached as close as possible at an angle of 45 degrees and tightened securely in accordance with the manufacturer's instructions.
8. Alterations or substitutions must not be made to the wheelchair securement points or to structural and frame or components without consulting the manufacturer. Failure to do so will invalidate the ability of a Sunrise Medical wheelchair to be transported within a vehicle.



9. Both pelvic and upper torso restraint belts must be used to restrain the occupant to reduce the possibility of head and chest impacts with the vehicle components and serious risk of injury to the user and other vehicle occupants. (Fig B) The upper torso restraint belt should be mounted to the vehicle "B" pillar - failure to do so will increase the risk of serious abdominal injuries to the user.

10. A head restraint suitable for transportation (see label on headrest) must be fitted and suitably positioned at all times during transportation.

11. Postural supports (lap straps, lap belts) should not be used or relied on for occupant restraint in a moving vehicle unless they are labelled as meeting the requirements specified in ISO 7176-19:2001 or SAE J2249.

12. The safety of the user during transportation depends upon the diligence of the person securing the tie-down restraints and they should have received appropriate instructions and/or training in their use.

13. Wherever possible remove and stow safely away from the wheelchair all auxiliary equipment, for example: Crutches, Loose cushions and Tray Tables.

14. Articulating/elevating leg rest should not be used in the elevated position when the wheelchair and user are being transported and the wheelchair is restrained using Wheelchair Transport and Occupant Restraints.

15. Reclining backrests should be returned to an upright position.

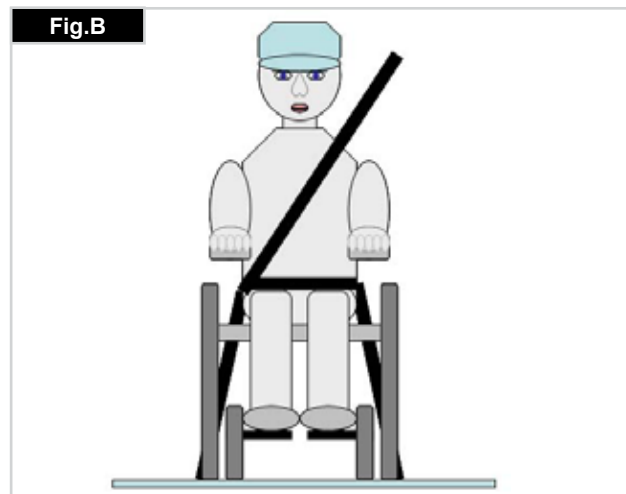
16. The manual brakes must be firmly applied.

17. Restraints should be mounted to the vehicle "B" pillar and should not be held away from the body by wheelchair components such as armrest or wheels.

**NOTE:** The Breezy 300 is suitable to be used as a seat in a vehicle only if the transportation kit is fitted to the rear frame. For the UK this kit is fitted as STANDARD, but for other countries, the kit is an OPTION and must be selected from the order form.

### DANGER!

- The Transportation kit must be fitted to the wheelchair before using it to transport a passenger within a vehicle.
- The Transportation kit must be fitted by a Sunrise Medical approved dealer.



## Transportability >>>

### Occupant Restraints Instruction:

1. The pelvic restraint belt must be worn low across the front of the pelvis so that the angle of the pelvic belt is within the preferred zone of 30 to 75 degrees to the horizontal. A steeper (greater) angle within the preferred zone is desirable i.e. closer to, but never exceeding 75degrees. (Fig C)

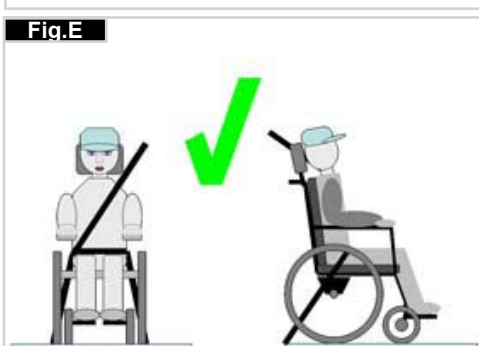
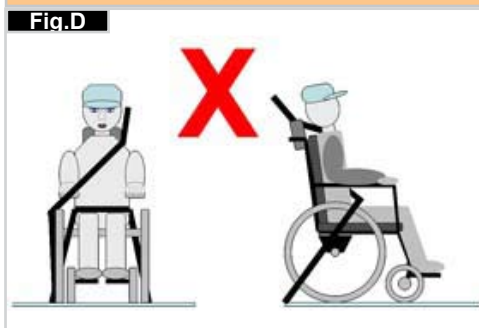
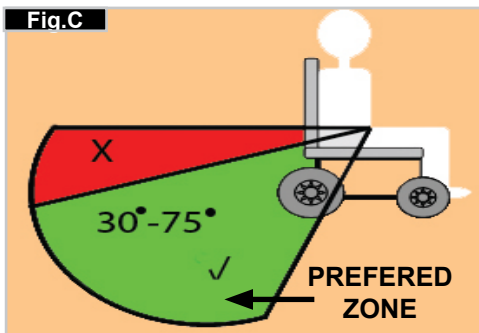
2. The upper torso restraint belt must fit over the shoulder and across the chest as illustrated Fig d and e  
Restraint belts must be adjusted as tightly as possible consistent with user comfort.  
Restraint belt webbing must not be twisted when in use.  
The upper torso restraint belt must fit over the shoulder and across the shoulder as illustrated in Fig D and E.

3. The attachment points to the chair are the inner front side frame just above the castor, and the rear side frame. The straps are fitted around the side frames at the intersection of the horizontal and vertical frame tubes. (See Figs G - K)

4. The tie down symbol (Fig F) on the wheelchair frame indicates the position of the wheelchair restraint straps. The straps are then tensioned after the front straps have been fitted to secure the wheelchair.

Positioning of wheelchair tie down restraints on wheelchair:

1. Location of the front and rear tie down labels (Fig.G - H).
2. Position of the front, (Fig.I) and rear, (Fig.J), wheelchair tie down restraint and the tie down label.
3. Side view of tie down straps, (Fig.K).





## Handling

### Folding up

First remove the seat cushion and the back seat shell from the wheelchair and flip up the (platform) footplate or the individual footrests. Take hold of the sling or the seat tubes in the middle, from the back and pull upwards. The wheelchair will then fold up. To fold your wheelchair so that it is as small as possible, e.g., to put into a car, you can remove the footrests (depending on the model). For this purpose, open the latch from the outside and swing the footrest to the side. Then the footrest only has to be drawn out of the receiver tube (Fig. 1).



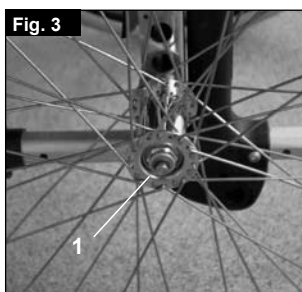
### Unfolding

Press down on the seat tube (see figure). Your wheelchair is then unfolded. Now snap the seat tubing into position in the seat saddle. This can be facilitated by slightly tipping your wheelchair, as this means that the weight is taken off one of the rear wheels. **Be careful not to get your fingers caught in the cross-tube assembly.** Refit the seat cushion! (Fig. 2).



### Quick-release axles on rear wheel

In case the rear wheels are equipped with quick-release axles, the wheels can thus be fitted or removed without using tools. To remove a wheel, simply depress the quick-release button on the axle (1) and pull the wheel off the axle (Fig. 3).



### CAUTION!

Hold the quick-release button on the axle depressed when inserting the axle into the frame to mount the rear wheels. Release the button to lock the wheel in place. The quick-release button should snap back to its original position.

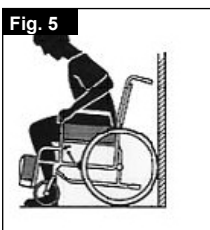
### Getting into your wheelchair independently (Fig. 4)

- The wheelchair should be pushed up against a wall or solid piece of furniture;
- The brakes should be on;
- The footplates should be hinged up;
- The user can then lower himself into the chair;
- The footplates should then be pushed down and the feet rested on them in front of the heel loops.



### Getting out of your wheelchair independently (Fig. 5)

- The brakes should be on;
- The hinged footplates should be hinged up;
- With one hand on each armrest, the person should bend slightly forward to bring the body weight to the front of the seat, and with both feet firmly on the ground, one foot well back, push up into the upright position.



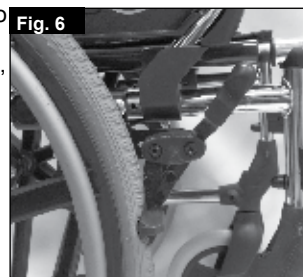
### WARNING!

When standing, do not stand on the footplates or the wheelchair will tip up. It is easier and safer to get into your wheel chair if you turn the footplates up and out of the way or take them off the wheelchair.

## Options - Brakes

### Wheel locks

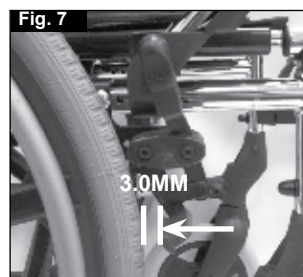
Your wheelchair is equipped with two wheel locks. They are applied directly against the tyres. To engage, press both brake levers forward against the stops. To release the locks, pull the levers back to their original positions.



Braking power will decrease with:

- Worn tyre tread
- Tyre pressure that is too low
- Wet tyres
- Improperly adjusted wheel locks

The wheel locks have not been designed to be used as brakes for a moving wheelchair. The wheel locks should therefore never be used to brake a moving wheelchair. Always use the hand-rims for braking. Make sure that the gap between the tyres and wheel locks complies with given specifications. To readjust, loosen the screw and set the appropriate gap. Then re-tighten the screw (Fig. 6 + 7).

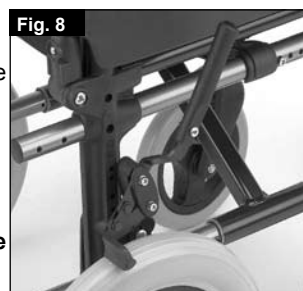


### CAUTION!

After each adjustment of the rear wheels, check the wheel lock gap and re-adjust if necessary.

### Brake lever Extension

The extension for the brake lever can be removed or folded down. The longer lever helps to minimise the effort needed to set the wheel locks (Fig. 8).



### CAUTION!

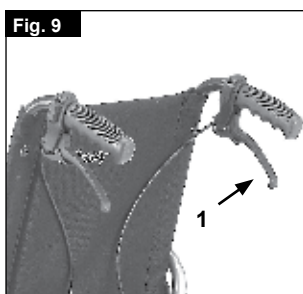
**Mounting the wheel lock too close towards the wheel will result in a higher effort to operate. This might cause the brake lever extension to break!**

### CAUTION!

**Leaning onto the brake lever extension while transferring will cause the lever to break! Splashing water from tyres might cause the wheel lock to malfunction..**

### Drum Brakes

Drum brakes permit safe and convenient braking for an attendant. They can also be set with the aid of a locking lever (1) to prevent rolling. The lever must snap audibly into place. Drum brakes are not influenced by air pressure inside the tyres. Your wheelchair cannot be moved when the drum brakes are set (Fig. 9).



### CAUTION!

Drum brakes must only be adjusted by authorised dealers.

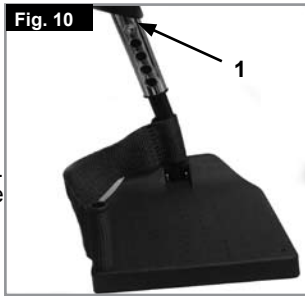
## Options - Footplates

### Footplates:

The footplates can be flipped up to make it easier to transfer to/from the chair.

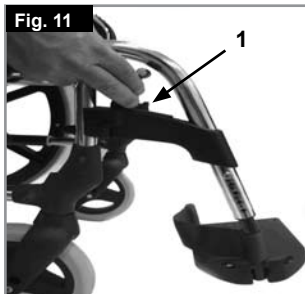
### Lower leg length:

For users with longer legs, the leg support can be lowered to the appropriate level by using the screws (1). Loosen the screws, push the tubes to the desired position and then re-tighten the screws (see section on torque). There must always be a minimum gap of 2.5 cm between the footplates and the ground, (Fig.10).



### Footrests and Latch

The legrests can be swung inwards under the seat sling or outwards. When fitting the legrests, the footrests must be pointing inwards or outwards. Then rotate the legrest inwards, until it locks into place. To remove, pull the lever (1), swing the footplate inwards or outwards and then lift the legrest out. Make sure that the legrest is locked into place correctly, (Fig. 11).



### CAUTION!

- The legrests must not be used to lift or to carry the wheelchair.
- When getting on or off the wheelchair, do not use the footboards. These should be flipped up beforehand or the footrest should be swung to the outside as far as possible.

### Option Elevating legrest (Fig. 12-13)

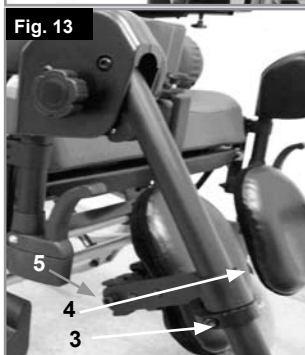
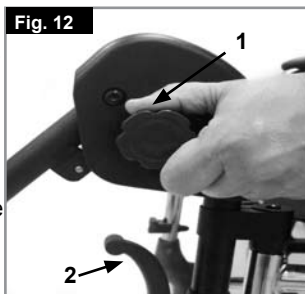
To remove, pull the lever (2), swing the footplate outwards and then lift the legrest out.

#### To elevate:

Take the load off the footrest and release the hand wheel (1). Pull the footrest upwards and adjust to the desired height. Secure the desired height by tightening the hand wheel.

#### To lower:

Take the load off the footrest by lifting the lower leg and release the interlock with the hand wheel (1). In this way you can swing the footrest downwards. As soon as you have reached the desired position, secure the interlock with the hand wheel. You can set the lower leg length by releasing the screws (3), this is infinitely adjustable.



### CAUTION!

- Keep hands clear of the adjustment mechanism between, the frame and the movable parts of the footrest while elevating or lowering the footrest.
- The footrests should not be used to lift or to carry the wheelchair.
- Risk of trapping fingers!
- When moving the footrest up or down, do not put your fingers in the adjusting mechanism between the moving parts of the footrest.

### Adjusting the calf pad

The calf pad can be adjusted as follows:

Height: Open bolt (4 Fig.13) and move the clamping piece to the desired position. By rotating the clamping piece also the angle can be adjusted.

Depth: Open bolt (5) and move the calf pad into the desired position.

Width: Open bolt (5) and position the spacers behind the pad, to get the desired position.

### CAUTION!

Always make sure that the fasteners are secure.

## Options - Castors

### Castors, castor plates, forks

The wheelchair may veer slightly to the right or left, or the castors may wobble. This may be caused by the following:

- Forward and/or reverse wheel motion has not been set properly.
- The castor angle has not been set correctly.
- Castor and/or rear wheel air pressure is incorrect; the wheels do not turn smoothly.

The wheelchair will not move in a straight line if the castors have not been properly adjusted. Castors should always be adjusted by an authorised dealer. The castor plates must be re-adjusted, and the wheel locks must be checked every time the rear wheel position has been altered.

The seat height is determined by the castor and rear wheel position. The seat height can be adjusted by altering the position of the rear wheels and the castors (see seat height matrix on page 14).

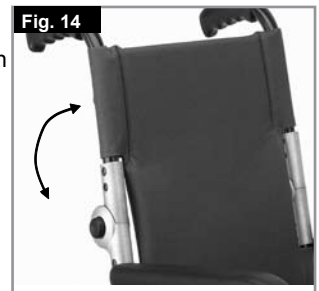
### CAUTION!

After adjusting the seat height, all screws must be re-tightened and the wheel lock must be readjusted.

## Options - Backrest

### Half folding back

Unfolding the backrest: To put the backrest in the upright position, push the buttons in and lift the handles upwards and forwards until they are in an upright position. Keep fingers and other items away from the folding mechanism when the backrest is being folded to prevent injury.



### Folding the backrest:

The backrest can be folded to make storage of the wheelchair easier. Do not operate under load as this may cause the mechanism to break. To fold the backrest, stand behind the wheelchair, push the buttons in, (Fig. 14 and 15), and fold the backrest down.



### Reclining back (4 -55°)

By pulling both levers together (1), you can release the backrest and then move it to the desired position (Fig. 16)  
On releasing the two levers (1) the backrest will automatically lock into place

#### ⚠ CAUTION!

The reclining backrest can only be used in conjunction with the wheelbase extension.

It is recommended that the reclining backrest is used in conjunction with anti-tip tubes (maximum ground clearance 3 - 5cm).

We recommend that the reclining backrest is used in conjunction with a stabilising bar.



### Options - Side Guards

#### Standard side guard, flip-up, with short or long armrests

The side guard with rounded off front edges will allow you to get up close to a table. To flip the armrest up, push the lever (1), so that the side guard is released (Fig. 17).

#### ⚠ CAUTION!

Neither the side guards nor the armrests are to be used for lifting or carrying the wheelchair.

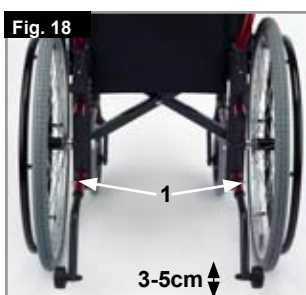


### Options - Anti-Tips

#### Anti-Tip Tubes

Anti-tip tubes provide additional safety for inexperienced users when they are still learning how to operate their wheelchair. They prevent a wheelchair from tipping over backwards, (Fig.18).

By pushing on the release button (1), the safety wheels can be set upwards or removed. There must always be a gap of between 3 cm and 5 cm between the tube and the ground.



You must swing the safety wheels upwards when going up and down large obstacles (such as a kerb) to prevent them from touching the ground. Then rotate the safety wheels back down to the normal position.

#### ⚠ WARNING!

Incorrect setup of the anti-tips will increase the risk of a rearwards tip.

### Options - Lap Belt

#### ⚠ WARNING!

Before using your wheelchair ensure the seat belt is worn and correctly adjusted before use.

The lap belt is fitted to the wheelchair as shown in the illustrations. The seat belt comprises 2 halves.

The belt is routed under the rear of the side panel. (Fig. 19)

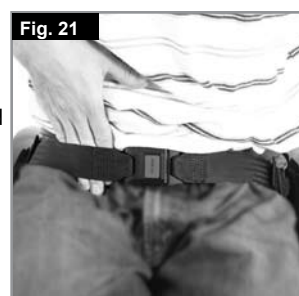
Adjust the belt position so buckles are in the centre of the seat. (Fig. 20)



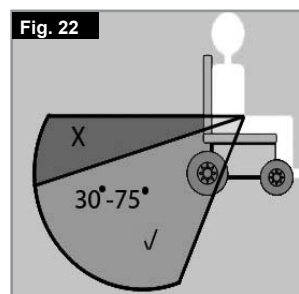
#### Adjust lap belt to suit the user's needs as follows:

To increase the belt length	To reduce the belt length	✓
Type A 	Type A 	Type A 
Type B 	Type B 	Type B 
Feed free belt through slide adjusters and male buckle to provide more belt length.	Feed free belt back through male buckle and slide adjusters.	Ensure belt is not looped at male buckle.

When fastened check space between the lap belt and user, when correctly adjusted it should not be possible to insert more than the flat of the hand between the lap belt and the user. (Fig. 21)



Generally the Lap Belt should be fixed so that the straps sit at an angle of approximately 45°, and when correctly adjusted should not allow user to slip down in the seat. (Fig. 22)





**Advice to client****DANGER!**

- Do not rely on the lap belt only when the wheelchair and occupant are transported in a vehicle, use the separate occupant lap and diagonal restraints provided in the vehicle.
- Before use we recommend that the lap belt be checked to ensure that it is adjusted correctly, free from any obstruction or adverse wear and that the buckle engages securely.
- Failure to make sure that the lap belt is secure and adjusted prior to use could cause serious injury to the user. e.g. too loose a strap may allow the user to slip down in the chair and risk suffocation.

**Maintenance:**

Check lap belt and securing components at regular intervals for any sign of fraying or damage. Replace if necessary. Clean the lap belt with warm soapy water and allow it to dry.

**DANGER!**

The lap belt should be adjusted to suit the end user as detailed above. Sunrise Medical also recommend that the length and fit of the belt is checked on a regular basis to reduce the risk of the end user inadvertently re-adjusting the belt to an excessive length. If in doubt about the use and operation of the seat belt then ask your healthcare professional, wheelchair dealer, carer or attendant for assistance.

**Options - Crutch holder****Crutch holder**

This device permits crutches to be transported directly on a wheelchair. It has a Velcro loop to fasten crutches or other aids (Fig. 23).

**WARNING!**

Never try to use or attempt to remove the crutches or other aids while moving.

**Fig. 23****Options - Therapy Table****Therapy table**

The tray provides a flat surface for most activities. Before using a tray, it first has to be adjusted to the width of the seat by an authorised dealer. The user must be sitting in the wheelchair during this adjustment (Fig. 24).

**Fig. 24****Tyres and Mounting****Tyres and mounting**

Pneumatic tyres are fitted as standard from the factory.

If pneumatic tyres are used, make sure that you maintain the correct tyre pressure, as this can have an effect on wheelchair performance. If the tyre pressure is too low, rolling resistance will increase, requiring more effort to move the chair forward. Low tyre pressure also has a negative impact on manoeuvrability. If the tyre pressure is too high, the tyre could burst. The correct pressure for a given tyre is printed on the surface of the tyre itself.

Tyres can be mounted the same way as an ordinary bicycle tyre. Before installing a new inner tube, you should always make sure that the base of the rim and the interior of the tyre are free of foreign objects. Check the pressure after mounting or repairing a tyre. It is critical to your safety and to the wheelchair's performance that regulation air pressure be maintained and that tyres be in good condition.

**Maintenance and Care****Maintenance**

- Check the tyre pressure every 4 weeks. Check all tyres for wear and damage.
- Check the brakes approximately every 4 weeks to make sure that they are working properly and are easy to use.
- Change tyres as you would an ordinary bicycle tyre.
- All of the joints that are critical to using your wheelchair safely are self-locking nuts. Please check every three months to make sure that all bolts are secure (see the section on torque). Safety nuts should only be used once and should be replaced after use.
- Please use only mild household cleansers when your wheelchair is dirty. Use only soap and water when cleaning the seat upholstery and lap belt.
- If your wheelchair should ever get wet, please dry it after use, to avoid rust and salt corrosion.
- A small amount of sewing-machine oil should be applied to quick release axles approximately every 8 weeks. Depending on the frequency and type of use, we recommend taking your wheelchair to your authorised dealer every 6 months to have it inspected by trained personnel.

**CAUTION!**

Sand and sea water (or salt in the winter) can damage the bearings of the front and rear wheels. Clean the wheelchair thoroughly after exposure.

The following parts can be removed and sent to the manufacturer / dealer for repair:

Rear wheels, Armrest, Hanger, Anti – tips. These components are available as spares. More details can be found in the parts manual.

**Hygiene when being reused:**

When the chair is to be reused, it should be prepared carefully, and wiped and treated with spray disinfectant on all surfaces which could come into contact with the user.

In doing this, you must use a liquid for alcoholic quick disinfection for medical products and medical inventory when you require a quick effect. Please pay attention to the manufacturer's instructions of the disinfectant you are using.

In general, a safe disinfectant cannot be guaranteed on seams. We therefore recommend, that you properly dispose of seat and back slings in the case of micro bacterial contamination with active agents according to § 6 infection protection law.

**Storage**

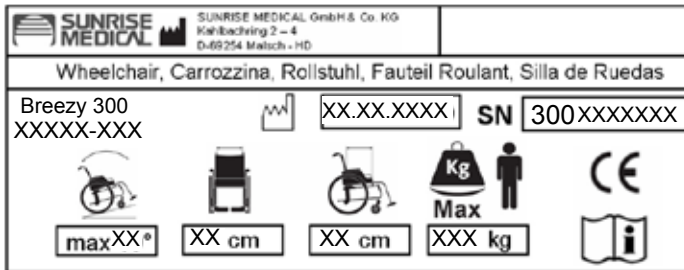
Please store/keep the wheelchair in a dry place.

## Name Plate

### Nameplates

The nameplate is located on either the cross-tube assembly or the transverse frame tube, as well as on a label in the owner's manual. The nameplate indicates the exact model designation and other technical specifications. Please provide the following pieces of information whenever you have to order replacement parts or to file a claim:

[SAMPLE]



Breezy 300 XXXXX-XXX	Product Name/SKU Number.
	Maximum safe slope with anti-tips fitted, Depends on wheelchair setting, posture and physical capabilities of the user.
	Seat width.
	Depth (maximum).
	Load Maximum.
	CE Mark
	User's Guide.
	Date of manufacture.
	Serial number.

Due to our policy of continuous improvement in the design of our wheelchairs, product specifications may vary slightly from the examples illustrated. All weight/dimensions and performance data are approximate and provided solely for guidance. Sunrise Medical complies with the EU Medical Devices Directive 93/42/EEC

All wheelchairs must be used in accordance with the manufacturer's guidelines.

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## Trouble Shooting

### Wheelchair pulls to one side

- Check tyre pressure (pneumatic tyres only).
- Check to make sure wheel turns easily (bearings, axle).
- Check the castor angles are set consistently and make proper contact with the ground.
- Ensure castor fork bearings rotate freely.

### Castors begin to wobble

- Check the castor angle.
- Check to make sure all bolts are secure; tighten if necessary (see the section on torque).
- Check to make sure both castors are making proper contact with the ground.

### Cross-tube assembly does not snap into position in the seat saddle

- Chair is still new, i.e. the seat or backrest upholstery is still very stiff. This will improve with time.

### Wheelchair is difficult to fold up

- Adjustable backrest upholstery is too stiff. Loosen it accordingly.

### Wheelchair squeaks and rattles

- Check to make sure all bolts are secure; tighten if necessary (see the section on torque).
- Apply small amount of lubrication to spots where movable parts come in contact with one another.

### Wheelchair begins to wobble

- Check angle at which castors are set.
- Check all tyres for damage or wear.
- Check to see if rear wheels are adjusted or fixed unevenly.

## Disposal / Recycling of Materials

**NOTE:** If the wheelchair has been supplied to you free of charge it may not belong to you. If it is no longer required follow any instructions given by the organisation issuing the wheelchair in order that it may be returned to them.

The following information describes the materials used in the wheelchair in relation to the disposal or re-cycling of the wheelchair and its packaging. Specific waste disposal or recycling regulations may be in force locally and these should be taken into consideration when disposal arrangements are made. (This may include the cleaning or decontamination of the wheelchair before disposal).

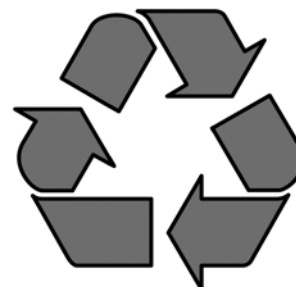
### Aluminium: Side frames, armrests, frame, legrests..

**Plastic:** Handgrips, castor forks, tube plugs, castor wheels, footplates, arm pads and 12" wheel/tyre, wheels, side guards.

**Packaging:** Low density polythene bag, cardboard box.

**Upholstery:** Woven polyester with PVC coatings and expanded combustion modified foam.

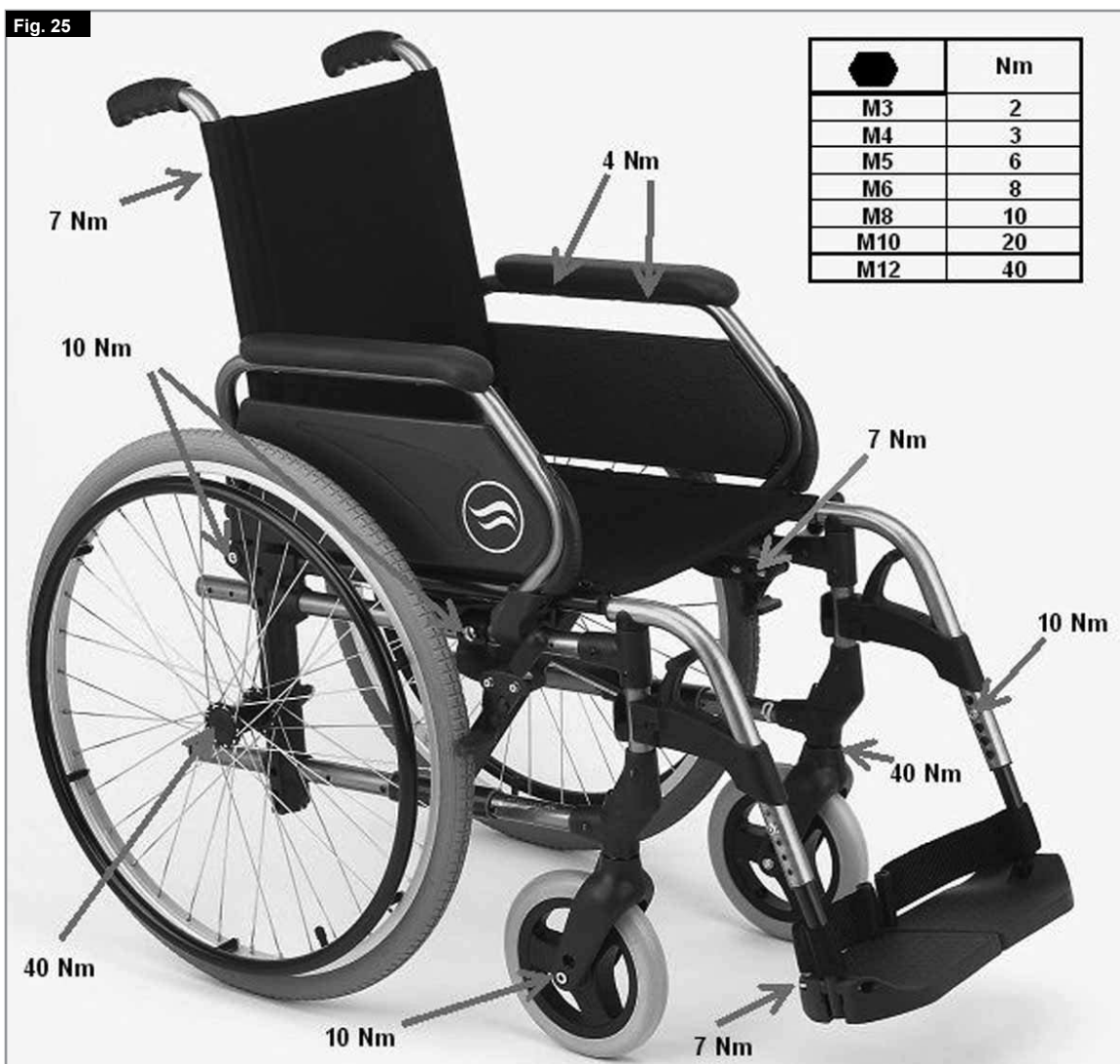
Disposal or recycling should be done through a licensed agent or authorised place of disposal. Alternatively your wheelchair may be returned to your dealer for disposal.





## Torque

Fig. 25



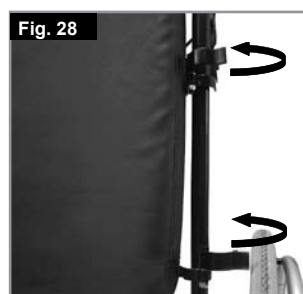
## Additional Assembly Photographs



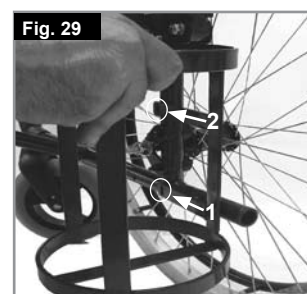
ANTI TIPS



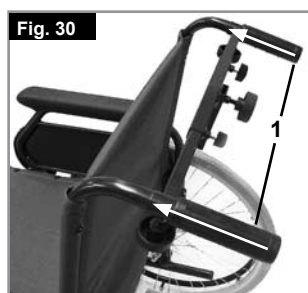
HEADREST FOR  
RECLINING BACK REST



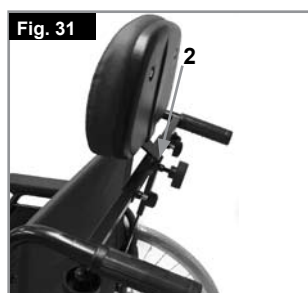
ANATOMICAL BACK REST



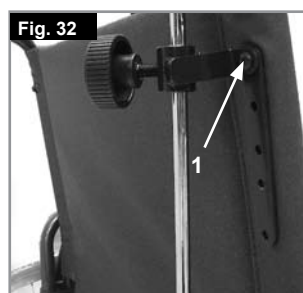
TANK HOLDER



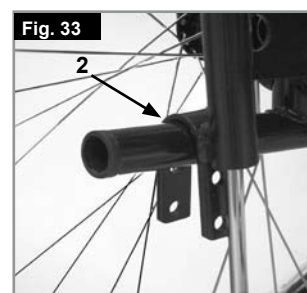
HEAD REST 1



HEAD REST 2



IV POLE 1



IV POLE 2

## Technical Data

CATEGORY	MIN.	MAX.
Overall Length with Leg Rests	(12" Wheel & Standard Back) = 950mm	(24" Wheel & Reclining Back) = 1140mm
Overall Width	(12" Wheel) = Seat Width + 180mm	(24" Wheel) = Seat Width + 210mm
Folded Length	(12" Wheel & Standard Back) = 950mm	(24" Wheel & Reclining Back) = 1140mm
Folded Width	(12" Wheel) = 330mm	(24" Wheel) = 315mm
Folded Height	(Standard Back) = 950mm	(Reclining Back) = 1310mm
Total Mass	13.5 kg	Depends on options
Static Stability Downhill	10°	10°
Static Stability Uphill	10°	10°
Static Stability Sideways	10°	10°
Energy Consumption	n/a	n/a
Dynamic Stability Uphill	n/a	n/a
Obstacle Climbing	n/a	n/a
Effective Seat Depth	420mm	420mm
Effective Seat Width	370mm	520mm
Seat Surface Height (Front edge, 3° Tilt)	505mm	505mm
Seat Plane Angle	3°	3°
Backrest Angle	8°	8°
Backrest Height	444mm	820mm

ENGLISH

### MAXIMUM LOAD: 120 KG

According EN12183: 2009 all there listed parts (seat - back upholstery, arm pad, side panel...) are fire resistant according EN1021 Part 1/2 .

The Dynamic safe slope is dependant on the chair configuration, the users abilities and the style of riding. As the users abilities and style of riding cannot be pre-determined then the max safe slope cannot be determined. Therefore this must be determined by the user with the assistance of an attendant to prevent tipping. It is strongly recommended that inexperienced users have Ant-tips fitted.

The wheelchair conforms to the following standards:

- a) Requirements and test methods for static, impact and fatigue strengths (ISO 7176-8)
- b) Requirements for resistance to ignition in accordance with ISO 7176-16 (EN 1021-1/2)



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